HP MSR 30-20 and MSR 30-20 PoE routers meet the requirement of FIPS security level 2.

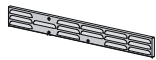## Tool list

Phillips screwdriver
(User-supplied)

Needle-nose pliers
(User-supplied)

ESD-preventive wrist strap
(User-supplied)

Installation kit

Left opacity shield

Hex bolt 1

Hex bolt 2

M3 countersunk-head screw

Mounting brackets
(Supplied with the router)
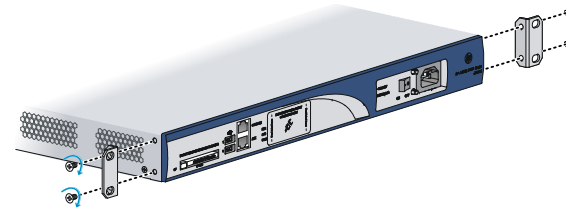
M4 countersunk-head screw
(Supplied with the router)

Installation preparation

⚠ • Wear an ESD-preventive wrist strap, and make sure that the wrist strap has a good skin contact and is well grounded.

• The installation procedures must be performed by qualified personnel.

• Before installation, read the Compliance and Safety Manual for the compatible switch of the opacity shield kit.

Installing a FIPS enclosure on a router with front mounting brackets

⚠ Only use the screws and hex bolts that are supplied in the opacity shield kit to secure the opacity shield.

Face the front panel, install the front mounting brackets on both sides of the router and secure them with M4 countersunk-head screws, mount the router on a rack shelf (skip this step if the router is not to be mounted on a rack), and attach the opacity shield.
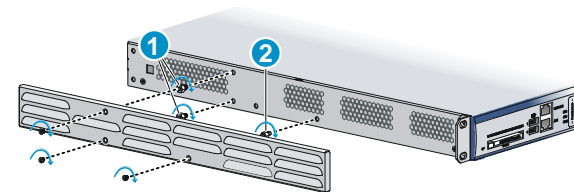

Install hex bolts on the chassis as shown in the figures. (Remove the fastening screws, if any, from where hex bolts 2 are to be installed.)

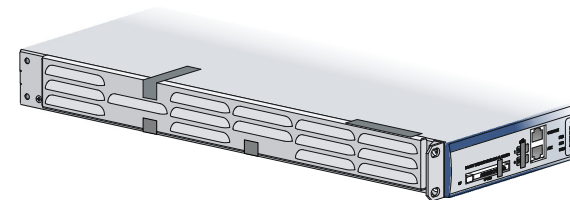Align the holes on the opacity shields with the hex bolts.

Press the opacity shields against the side panels, and use M3 countersunk-head screws to secure the opacity shields.

Hex bolts 1 (Male M4, Female M3)
Hex bolts 2 (Male M3, Female M3)

Apply tamper-evidence labels to opacity shields, screws that secure the opacity shields, field replaceable units (FRUs), USB ports, and air vents on interface cards and filler panels.

Installing a FIPS enclosure on a router with rear mounting brackets

⚠ Only use the screws and hex bolts that are supplied in the opacity shield kit to secure the opacity shield.

Face the rear panel, install the rear mounting brackets on both sides of the router and secure them with M4 countersunk-head screws, mount the router on a rack shelf (skip this step if the router is not to be mounted on a rack), and attach the opacity shield.
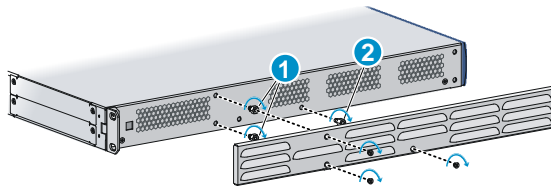
Install hex bolts on the chassis as shown in the figures. (Remove the fastening screws, if any, from where hex bolts 2 are to be installed.)

Align the holes on the opacity shields with the hex bolts.

Press the opacity shields against the side panels, and use M3 countersunk-head screws to secure the opacity shields.

Hex bolts 1 (Male M4, Female M3)
Hex bolts 2 (Male M3, Female M3)

Apply tamper-evidence labels to opacity shields, screws that secure the opacity shields, field replaceable units (FRUs), USB ports, and air vents on interface cards and filler panels.

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